




County Borough of Huddersfield.

MEDICAL OFFICER OF HEALTH'S
REPORT

For the 2nd Quarter of the Year 1899.

ERNEST GEORGE ANNIS, M.R.C.S., L.R.C.P., D.P.H.

Medical Officer of Health.



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Return of Births and Deaths registered during the 13 weeks ended 1st July, 1899.

Districts.	Census Population 1891.	Estimated Population at the middle of the year 1899	Births Registered during the 13 weeks ended 1st July, 1899.	Deaths Registered during the 13 weeks ended 1st July, 1899.	AGE MOR- TALITY.			SEVEN ZYMOTIC DISEASES.										Rate of Mortality per 1,000							
					Under 1 year.	Over 1 and under 5 years.	Persons aged 50 years and upwards.	Small Pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough.	Fevers.		Phthisis.	Bronchitis, Pneumonia, and Pleurisy.	Heart Disease.	Cancer.	All other Diseases.	During the corres- ponding period year previous.	During the 13 weeks ended 1st July, 1899.	During the corres- ponding period year previous.	During the 13 weeks ended 1st July, 1899.	7 Zymotics.	
													Typhoid.	Other.											
																									Diarrhoea.
Huddersfield (Central)	25909	27547	162	118	18	11	47	..	..	..	..	10	1	..	1	13	28	9	6	50	15.13	17.19	0.29	1.75*	
Marsh	8330	9086	50	21	7	2	4	4	..	..	..	2	..	..	..	..	5	4	1	..	9	8.93	9.28	..	0.88
Fartown	9584	10305	71	35	5	4	16	4	1	..	..	2	..	..	..	..	3	3	3	2	19	13.74	13.63	..	1.95§
Deighton and Bradley	2273	2479	12	9	2	..	4	..	..	..	..	2	..	..	..	..	4	3	3	..	8	19.47	14.57	..	..
Dalton	8413	9329	71	33	8	4	12	12	1	..	..	1	..	..	..	..	4	5	2	1	19	11.33	14.20	0.43	0.86
Almondbury	14856	16053	96	55	9	4	27	27	1	..	..	1	..	..	..	..	2	9	6	3	37	12.67	13.75	0.51	0.25
Lockwood	12076	13291	85	44	8	4	18	18	..	..	..	1	1	..	..	..	6	7	6	2	21	16.50	13.29	1.22	0.60†
Lindley	8575	9349	43	28	6	..	15	15	..	..	..	..	..	..	..	..	4	5	2	2	13	12.96	12.02	..	0.86
Longwood	5406	6025	38	23	4	3	8	8	..	..	..	1	..	..	..	..	1	3	3	1	16	15.43	15.32	..	0.67
Infirmary (Central)	..	..	..	24	..	1	12	12	1	..	..	..	3	..	..	..	2	1	..	1	17	..	..	..	..
Hospital (Fartown)	..	..	..	4	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Workhouse (Lockw'd)	..	..	3	25	..	..	15	15	..	..	..	..	..	..	..	..	3	2	..	2	18	..	..	..	..
Borough	95422	103464	631	419	67	33	179	..	1	3	2	18	5	..	2	43	65	34	19	227	..	..	..	0.47	1.20
Rate per 1,000 of Esti- mated Population ...	..	..	24.48	16.25	..	..	..	..	0.04	0.12	0.08	0.70	0.19	..	0.08	1.67	2.52	1.32	0.74	8.80	15.83	16.25	0.47	1.20	

* Central, with Infirmary 20.69.

§ Fartown, with Fever Hospital 15.19.

† Lockwood, with Workhouse 20.84.

Deaths of Children under one year per 1000 births, 106.

" " Previous corresponding period 94.

Birth Rate

Death Rate of 33 large English Towns 17.51.

" " 1.74.

30.80.

*To the Chairmen and Members of the Health and
Sanitary Committees.*

CHAIRMEN AND GENTLEMEN,

The report which I have now the honour to present is for the second quarter of 1899, viz. :—the period of 13 weeks ending 1st July, 1899.

The number of births registered during this period was 631 (males 319, females 312), equalling a birth-rate of 24·48 per 1,000, comparing with 561, the number of births during the corresponding period last year, and a birth-rate of 21·98 per 1,000. The birth-rate of the 33 large English towns was 30·80 per 1,000. In Huddersfield the excess of births over deaths was 212 persons.

During this quarter there were 419 deaths registered (males 200, females 219), equalling a death-rate of 16·25 per 1,000 comparing with a death-rate of 15·83 per 1,000 for the previous corresponding period.

The local death-rates ranged from 9·28 in Marsh, 12·02 in Lindley, 13·29 in Lockwood, 13·63 in Fartown, 13·75 in Almondbury, 14·20 in Dalton, 14·57 Deighton and Bradley, 15·32 in Longwood, to 17·19 in Huddersfield Central.

One hundred and seventy-nine deaths occurred in persons over 50 years of age, 67 in children under one year of age, and 33 in children between one and five years of age. The number of deaths under one year of age per 1,000 births is 106, comparing with 94, the figure for the previous corresponding period.

Forty-three deaths are due to consumption, equalling a death-rate of 1·67 per 1,000, 13 of which deaths occurred in Huddersfield Central, six in Lockwood, five in Marsh, four each in Dalton and Lindley, three each in Fartown and Workhouse, two each in Almondbury and Infirmary, and one in Longwood. Bronchitis, pneumonia, and pleurisy are

credited with 65 deaths, with a death-rate of 2·52 per 1,000. Heart disease with 34 deaths, cancer with 19 deaths, other diseases with 227 deaths.

The seven principal zymotic diseases caused 31 deaths, equalling a death-rate of 1·20 per 1,000 as compared with 0·47 per 1,000 for the previous corresponding period. Of these deaths 18 were ascribed to whooping cough (10 of which occurred in the Central District) five to typhoid fever, three to scarlet fever, two each to diarrhoea and diphtheria, and one to measles.

The zymotic death-rate of the 33 large English towns is 1·74 per 1,000, therefore our zymotic death-rate compares very favourably with the 33 large towns.

Our relative position respecting deaths due to zymotic diseases is as follows :—

1899.
DEATHS PER MILLION IN THE SECOND QUARTER.

	Smallpox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough.	Fever.	Diarrhoea.	All Seven.
Thirty-three l'rgē towns, 1899 ..	8	538	119	312	453	124	189	1743
Huddersfield 1899 ..	..	39	116	78	698	194	77	1202

The number of cases of infectious disease notified during this quarter was 133, comparing with 116 for the corresponding period last year. Of these 133 infectious cases, 105 were scarlet fever, six diphtheria, eight enteric fever, three puerperal, eight erysipelas, and three of a doubtful character.

At the commencement of this quarter there were 41 patients in the Hospital, viz. :—39 scarlet fever, and two typhoid fever, 108 scarlet fever and five typhoid fever have been admitted during the period, whilst 97 scarlet fever, and one enteric fever have been discharged, and four deaths occurred, viz. (one scarlet fever, and three typhoid fever), leaving under treatment at the Hospital a total of 52 cases, 49 being cases of scarlet fever and three typhoid fever.

The Sanitary work of this Department includes 4,587 inspections of premises, [resulting in 1,251 nuisances being found in the various premises. Twenty-three cellar dwellings, 97 canal boats, 66 dairies and milkshops, 108 cowsheds, and 48 van dwellings have also been inspected; 119 nuisances were reported at this office, all of which were forthwith inspected and attended to where necessary. One hundred and forty-nine preliminary notices have been sent to owners, 415 owners have been seen personally, and 654 letters have been written, and 188 smoke observations have been taken.

The drains and sanitary arrangements belonging to 130 premises have been flushed on the occurrence of infectious disease. Sixty-five premises have been flushed at the request of the owners, and 566 other premises, yards, or courts, have been similarly attended to.

Seventy-one visits have been paid under the Food and Drugs Acts, 55 samples were purchased, eight of which were certified by the Borough Analyst to be adulterated, but to such a slight extent as hardly to warrant prosecution, warning letters were therefore written to the parties concerned.

The particulars of the Scavenging work will be seen from the table at the end of report.

ERNEST GEORGE ANNIS,

M.R.C.S., L.R.C.P., D.P.H.

Health Office,
Huddersfield.

The following Table shows the Deaths registered, and the Causes of Sickness reported for each week of the Quarter.

1899.	Apl. 8	Apl. 15	Apl. 22	Apl. 29	May 6	May 13	May 20	May 27	June 3	June 10	June 17	June 24	July 1	Average	Totals
New Cases of Sickness, &c.	53	32	31	31	28	20	27	28	40	32	30	21	12	30	385
Cases notified as Infectious, &c..	12	3	6	12	8	8	21	12	13	12	10	12	4	10	133
Do. Scarlet Fever only	9	3	6	8	8	6	17	12	10	12	6	5	3	8	105
Do. Enteric Fever only	..	..	..	..	..	..	3	..	1	..	1	3	..	1	8
Admissions to Hospital	11	3	6	8	8	6	17	13	10	12	8	5	6	9	113
Deaths, all causes	44	43	34	35	37	30	27	22	32	29	27	32	27	32	419
Do. Seven Zymotic Diseases .	5	3	1	3	2	1	2	1	3	4	1	4	1	2	31
Do. Small-pox only .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Do. Measles only.....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Do. Scarlet Fever only .....	..	..	1	1	..	..	..	..	..	1	..	..	..	..	3
Do. Diphtheria only	1	..	..	1	..	..	..	..	..	..	..	..	..	..	2
Do. Whooping Cough only ..	2	3	..	1	2	1	2	1	..	3	1	1	1	1	18
Do. Enteric Fever only.....	1	..	..	..	..	..	..	..	2	..	..	2	..	..	5
Do. Diarrhoea only.....	..	..	..	..	..	..	..	..	1	..	..	1	..	..	2
DeathRate—Huddersfield	22.19	21.68	17.15	17.65	18.66	15.13	13.62	11.09	16.14	14.62	13.62	16.14	13.62	16.25	
Do. 33 Large Towns ..	21.75	19.52	18.27	17.67	16.54	17.73	17.58	15.99	17.71	16.43	16.50	16.28	15.68	17.51	

New Cases of Sickness occurring during the 13 weeks ended 1st July, 1899, amongst Paupers and Home Patients of the Infirmary.

[illegible]

New Cases of Sickness reported or heard of as Infectious, chiefly under the 64th Clause of the Huddersfield Improvement Act, 1880, during the 13 weeks ended July 1st, 1899.

DISTRICTS OF BOROUGH		Mem. Croup.	Measles and Rotheln	Scarlet Fever.	Diphtheria	Cholera	Puerperal.	Continued Fever			Erysipelas	Chicken-pox	British Cholera	Cholera Diarrhoea	Tuberculosis	Other Diseases and Trifling Ailments	TOTALS
I	II	12	13	14	15	16	17	19	20	Other, doubtful (Febricula, &c)	24	25	26	28	a	e	32
Central	Under 5 .. 5 upwards	...	...	4	...	...	...	1	2	...	...	...	...	...	...	...	7
Marsh	Under 5 .. 5 upwards	...	...	33	1	...	2	2	1	...	1	...	...	...	...	...	40
Fartown ...	Under 5 .. 5 upwards	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1
Deighton and Bradley ..	Under 5 .. 5 upwards	...	...	6	...	...	...	...	...	...	1	...	...	...	...	...	7
Dalton	Under 5 .. 5 upwards	...	...	4	...	...	...	...	...	...	...	...	...	...	...	...	4
Almondbury ..	Under 5 .. 5 upwards	...	...	12	1	...	1	...	...	...	1	...	...	...	...	...	15
Lockwood ..	Under 5 .. 5 upwards	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lindley	Under 5 .. 5 upwards	...	...	5	...	...	...	...	...	...	...	...	...	...	...	...	...
Longwood ..	Under 5 .. 5 upwards	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	5
Infirmary	Under 5 .. 5 upwards	...	...	6	1	...	...	2	...	...	2	...	...	...	...	...	15
Crosland Moor Workhouse	Under 5 .. 5 upwards	...	...	2	2	...	...	...	...	...	...	...	...	...	...	...	3
Whole Borough	Under 5 .. 5 upwards	...	...	18	1	...	...	1	2	...	...	...	...	...	...	...	22
		...	...	87	5	...	3	7	1	...	8	...	...	...	...	...	111

BIRKBY FEVER HOSPITAL.

Report of patients in the Hospital for 13 weeks ended Saturday, 1st of July, 1899.

	I		2	3	4	5	6
	Smallpox.		Scarlet Fever.	Diphtheria.	Enteric, or Typhoid Fever.	Other, or doubtful cases.	Total.
No. in hospital on Saturday, 1st April, 1899	..		39	..	2	..	41
No. since admitted	..		108	..	5	..	113
No. discharged	..		97	..	1	..	98
No. died	..		1	..	3	..	4
No. remaining in hospital	..		49	..	3	..	52

REMOVAL OF NUISANCES.

Drains requiring Re-construction ...	84	Offensive Ashpits and Privies...	52
" " connecting with main sewer ...	20	" Swill Tubs ...	1
" " not Efficiently Trapped ...	92	Urine Guards Required...	2
" " Requiring Ventilation Shafts ...	29	Closets Requiring Lime-washing	10
" " Defective Sink Pipes and Drains ...	73	Workshops requiring Lime-washing	—
" " Yard Drains ...	39	Ashpits and Closets Requiring Re-construction	82
" " Cellar Drains...	27	" " Requiring Proper Doors & Covering	53
" " Eave and Fall Pipes ...	21	Old Privies altered to Tub or Water Closet system	17
" " Roofing ...	1	Insufficient Closet Accommodation...	76
" " Urinals...	4	Houses Overcrowded	1
" " Baths ...	—	" Unfit for Habitation ...	1
" " Water Closets	8	" Requiring Cleansing ...	—
" " Waste Pipes Requiring Disconnecting	40	" Requiring Ventilation...	—
To Provide Sinkstones to Houses ...	—	" Damp ...	1
Fall Pipes Requiring Disconnecting	36	" Requiring Water Supply	8
To Provide Eave and Fall Pipes	2	" Want of Ashes Place	—
Nuisances from Want of Drains	28	Cowsheds Overcrowded...	—
" " Water in Cellar	14	Factories requiring fire escapes	—
" " Cellar Wells ...	4	Cowsheds Requiring Lime-washing...	1
" " Cess Pools ...	1	" " Air Space	—
" " Street Gullies	8	" " Draining	3
" " Stagnant Water	17	" " Lighting	—
" " Defective Surface of Yard	3	" " Paving	3
" " Smoke ...	13	" " Ventilation ...	3
" " Poultry and Pigeons	—	" Bakehouses Requiring Lime-washing or Cleansing	—
" " Animals	—		
Offensive Accumulations	9	Total ...	887

SUMMARY OF WORK DONE.

Number of premises where Zymotic Diseases have occurred ...	103	Inspection of Factories...	...	...	23
Inspected ...	103	Workshops ...	...	...	315
Disinfected ...	123	Schools ...	...	...	—
Flushed ...	130	Slaughter Houses ...	...	...	4
Visited searching for Fever ...	249	Canal Boats ...	...	...	97
Total Number of Re-visits where cases are Isolated at Home ...	135	Dairies and Milkshops ...	...	...	66
Total number of Visits to Infected Houses ...	617	Cowsheds ...	...	...	108
Infectious Diseases reported ...	133	Bakehouses ...	...	...	1
Cases removed to Hospital ...	113	Markets ...	...	...	Daily
Number of Articles Disinfected by Lyon's Disinfectant ...	2178	Van Dwellings ...	...	...	48
Number of Visits in deaths from Phthisis ...	47	Re-visits to work in progress ...	...	...	710
Number of Premises Flushed by request of owners (paid for) ...	59	Visits to Property under notice ...	...	...	448
Other Premises, Yards, or Courts Flushed ...	65	Total number of Inspections of Premises ...	...	...	4587
Gullies found choked by Flushers ...	566	Number of Entries in Report Books ...	...	...	153
Drains ...	72	Preliminary Notices to owners ...	...	...	149
Gullies made clear ...	55	Letters written ...	...	...	654
Drains ...	68	Number of Legal Notices issued for abatement or abolition of Nuisances ...	...	...	68
Number of Buckets of Lime given out ...	52	Owners seen personally ...	...	...	415
Number of Tubs Registered ...	14	Notices handed over to Borough Surveyor's Department by request of Committee ...	...	...	—
applications received to empty Ashpits and Privies ...	170	Summonses taken out ...	...	owner...	16
Nuisances reported at Sanitary Office ...	359	Smoke Observations taken ...	...	...	1
inspected ...	58	Number of Visits under Food and Drug Acts ...	...	...	188
Inspection of premises where Nuisances are found ...	119	Food and Drugs—Samples purchased ...	...	...	71
where no Nuisances are found ...	119	Meat, seizures made or destroyed ...	...	...	55
Premises where Offensive Trades are conducted ...	1251	" " adulterated ...	...	...	8
Dwelling-houses in house to house visitation ...	1267	Water samples taken for analysis ...	...	...	2 pigs, 1½ cwt trotters
Cellar Dwellings ...	197	" Polluted ...	...	...	—
	23		...	...	—

WORK PERFORMED BY THE SCAVENGING DEPARTMENT.

	April.	May.	June.
Total Loads collected	2,714	2,863	3,081
Manure sent out by cart, rail, & boat, tons .....	.....	159	.....
Sweeping Machine worked, hours	322	375½	384
Receptacles collected	41,316	47,925	46,172
Destructor worked, hours.....	216	276	240

